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Notice of Allowability	Application No.	Applicant(s)	<b>Q</b> · · ·
	10/650,309	ACHARI ET AL.	
	Examiner	Art Unit	
	Ishwar (I. B.) Patel	2827	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS Is herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT I of the Office or upon petition by the applicant. See 37 CFR 1.32	S (OR REMAINS) CLOSED in th 5) or other appropriate communion RIGHTS. This application is sub	is application. If not includ cation will be mailed in due	ed course. <b>THIS</b>
1. $\boxtimes$ This communication is responsive to <u>approved terminal of</u>	lisclaimer filed on 8/25/04 and in	terview summary .	
2. The allowed claim(s) is/are <u>1-7</u> .			
3. $\boxtimes$ The drawings filed on <u>28 August 2003</u> are accepted by the	ne Examiner.		
<ul> <li>4. Acknowledgment is made of a claim for foreign priority of a)</li> <li>All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3.</li> </ul>	ve been received. ve been received in Application N	No	ation from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		reply complying with the re-	quirements
5. A SUBSTITUTE OATH OR DECLARATION must be sub- INFORMAL PATENT APPLICATION (PTO-152) which gives			IOTICE OF
6. CORRECTED DRAWINGS ( as "replacement sheets") mu	ust be submitted.		
(a) 🔲 including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached			
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			e back) of
<ol> <li>DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT</li> </ol>			Note the
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB.	6. ⊠ Interview Sum Paper No./Ma	<ul> <li>5. ☐ Notice of Informal Patent Application (PTO-152)</li> <li>6. ☑ Interview Summary (PTO-413),     Paper No./Mail Date 0804.</li> <li>7. ☑ Examiner's Amendment/Comment</li> </ul>	O-152)
Paper No./Mail Date	·	_	
<ol> <li>Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol>	8. ⊠ Examiner's Sta 9. □ Other	atement of Reasons for Allo	owance

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## **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric J. Sosenko (Reg. 34,440) on August 26, 2004.

The application has been amended as follows:

- (a) Cancel claims 8-10.
- (b) Change the title as below:

Circuit Board with Air-Bridge

(c) Change the abstract as below.

A method for-making-a multi-layer circuit board 446 having apertures 98, 98 which may be that are selectively and electrically isolated from electrically grounded member 46 and further having selectively formed air bridges and/or crossover members 404 which are structurally supported by a polymetic material 442. Each of the specifices 98, 98 selectively receives an electrically conductive material 444.

2. The following is an examiner's statement of reasons for allowance: The claimed invention discloses a circuit board structure comprising a first electrically conductive member having first dielectric member and second dielectric member connected on the

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opposite side of the conductive member, a first circuit assembly coupled to the first dielectric member and a second circuit assembly coupled to the second dielectric member, wherein both the first and second circuit assembly includes at least one air bridge and said first electrically conductive member cooperating with said first and second circuit assemblies and with said first and second dielectric members form a multi layer circuit board. This structure is not disclosed by the prior art of record

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ishwar (I. B.) Patel whose telephone number is (571) 272 1933. The examiner can normally be reached on M-F (8:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272 1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

I B Patel Examiner Art Unit: 2841 August 31, 2004

KANANO CUNEO

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800